

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently amended) A printed, reduced odor packaging material having an interior surface and an exterior surface, the packaging material comprising:
 - (a) a substrate layer having a uniform thickness;
 - (b) a printable layer formed on the exterior of the substrate layer, the printable layer comprising a residue from the printing process ~~arising from a fountain solution~~; and
 - (c) a reactive composition capable of reacting with a volatile organic carbonyl compound arising from the residue, to substantially reduce release of the carbonyl compound from the packaging material.
2. (Original) The packaging material of claim 1 wherein the substrate comprises a paper or paperboard substrate layer and the printable layer comprises a clay layer.
3. (Currently amended) The packaging material of ~~claim 1~~claim 2 wherein the reactive composition is formed in a layer exterior to the ~~cellulose~~paper or paperboard layer.
4. (Original) The packaging material of claim 1 wherein the volatile organic compound arises from an ink residue.
5. (Original) The packaging material of claim 1 wherein the ~~residue arising~~ volatile organic compound arises from ~~[[the]]~~ a fountain solution ~~comprises the reactive composition~~.
6. (Currently amended) The packaging material of ~~claim 1~~claim 2 wherein the ~~cellulose~~paper layer comprises paper with a thickness of about 50 to 305 μm .
7. (Currently amended) The packaging material of ~~claim 1~~claim 2 wherein the ~~cellulose~~paperboard layer comprises paperboard with a thickness of 305 to 1015 μm .

8. (Original) The packaging material of claim 1 wherein the packaging material comprises an acrylic layer.

9. (Cancelled)

10. (Original) The packaging material of claim [[9]] 3 wherein the reactive composition comprises a hydrazide compound.

11. (Original) The packaging material of claim [[9]] 3 wherein the reactive composition comprises a guanidine sulfate.

12. (Original) The packaging material of claim [[9]] 3 wherein the hydrazide compound comprises an aromatic hydrazide.

13. (Original) The packaging material of claim 12 wherein the aromatic hydrazide comprises benzoic hydrazide.

14. (Original) The packaging material of claim [[9]] 3 wherein the reactive composition comprises urea.

15. (Original) The packaging material of claim [[9]] 3 wherein the reactive composition comprises a mixture of urea and benzoic hydrazide.

16. (Original) The packaging material of claim [[9]] 3 wherein the reactive composition comprises an alkali metal bisulfite.

17. (Currently amended) The packaging material of claim [[9]] 8 having an exterior acrylic layer with a thickness of 2 to 35 ~~microm~~microns.

18. (Currently amended) The packaging material of claim 1 wherein the ~~substrate layer~~ packaging layer comprises a [[first]] paper layer having a thickness of about 50 to 1200

micrometers, a ~~second~~ printable clay layer having a thickness of about 10 to 100 micrometers, an ~~an~~ ink layer introduced on and into the clay layer in an amount of about 0.5 to 6 grams of ink per square meter of the package material.

19. (Original) The packaging material of claim 1 wherein the volatile organic carbonyl compound comprises a C₅₋₉ aldehyde or mixture thereof.

20-32. (Cancelled)

33. (Original) A printed, reduced odor packaging material, having an exterior surface and an interior surface, comprising a source of a volatile organic carbonyl compound and comprising a first layer comprising a paper substrate having a thickness of about 50 to 1200 micrometers, a ~~second printable clay layer~~ comprising printable clay having a thickness of about 10 to 100 micrometers, the clay layer comprising a residue from an ink introduced on and into the clay layer in an amount of about 0.5 to 6 grams of ink per square meter of the package material or from a fountain solution introduced on and into the clay layer in an amount of about 25 to 4000 milligrams of solution per square meter of the package material; and a reactive composition capable of reacting with a volatile organic carbonyl compound arising from the residue, to substantially reduce release of the carbonyl compound from the packaging material.

34. (Original) The packaging material of claim 33 wherein the carbonyl compound is an aldehyde.

35. (Cancelled)

36. (Currently amended) The packaging material of claim 33 wherein the ~~cellulosic layer~~ paper substrate comprises paperboard with a thickness of 400 to 800 micrometers.

37. (Original) The packaging material of claim 33 wherein the cellulosic layer comprises paper with a thickness of 150 to 250 micrometers.

38. (Original) The packaging material of claim 33 wherein the reactive composition comprises a hydrazide compound.

39. (Original) The packaging material of claim 38 wherein the hydrazide compound comprises an aromatic hydrazide.

40. (Original) The packaging material of claim 39 wherein the aromatic hydrazide comprises benzoic hydrazide.

41. (Original) The packaging material of claim 33 wherein the reactive composition comprises urea.

42. (Currently amended) The packaging material of claim 33 wherein the reactive composition comprises a ~~Grinyard~~Grignard reagent.

43. (Original) The packaging material of claim 33 wherein the reactive composition comprises an alkali metal bisulfite.

44. (Original) The packaging material of claim 33 having an exterior acrylic layer.

45. (Original) The packaging material of claim 33 wherein the volatile organic carbonyl compound comprises a C₅₋₉ aldehyde or mixtures thereof.

46-56. (Cancelled)